

NVB 3001 (Rev. 12/24)

UNITED STATES BANKRUPTCY COURT FOR THE DISTRICT OF NEVADA		PROOF OF INTEREST
Name of Debtor: Meta Materials, Inc	Case Number: 24-50792	RECEIVED AND FILED DEC 19 2024 U.S. BANKRUPTCY COURT MARY A. SCHOTT, CLERK COURT USE ONLY
1. Name and address of holder of the Equity Interest (the person or entity holding an Equity Interest in the Debtor. Referred to hereinafter as the "Interest holder"): Drew Hirsh 259 N. Almont Drive Beverly Hills, CA 90211 Telephone Number: 917-968-7478	<input type="checkbox"/> Check box if you are aware that anyone else has filed a proof of interest relating to your interest. Attach copy of statement giving particulars. <input checked="" type="checkbox"/> Check box if you have never received any notices from the bankruptcy court or the Debtors in this case. <input type="checkbox"/> Check box if this address differs from the address on the envelope sent to you by the Debtors.	
NOTE: This form SHOULD NOT be used to make a claim against the Debtor for money owed. A separate Proof of Claim form should be used for that purpose. This form should only be used to assert an Equity Interest in the Debtor. An Equity Interest is any right arising from any capital stock and any equity security in any of the Debtor. An equity security is defined in the Bankruptcy Code as (a) a share in a corporation whether or not transferable or denominated stock or similar security, (b) interest of a limited partner in a limited partnership, or (c) warrant or right other than a right to convert, to purchase, sell, or subscribe to a share, security, or interest of a kind specified in subsection (a) or (b) herein.		
Account or other number by which Interest holder identifies Debtor (last 4 digits only): E*Trade Account #: 49327968	Check here if this Proof of Interest: <input type="checkbox"/> replaces a previously filed Proof of Interest dated: _____ <input type="checkbox"/> amends a previously filed Proof of Interest dated: _____	
2. Name and Address of any person or entity that is the record holder for the Equity Interest asserted in this Proof of Interest: Drew Hirsh / E*Trade Securities LLC PO Box 484, Jersey City, NJ 07303-0484 Telephone Number:	3. Date Equity Interest was acquired: Between 02/16/2021 - 03/04/2022 See Attached	
4. Total amount of member interest: 3,585 Shares for \$12,824.64	5. Certificate number(s): See Attached	
6. Type of Equity Interest: Please indicate the type of Equity Interest you hold: <input type="checkbox"/> Check this box if your Equity Interest is based on an actual member interest held in the Debtor. <input type="checkbox"/> Check this box if your Equity Interest is based on anything else and describe that interest: Description: Investor		
7. Supporting Documents: Attach copies of supporting documents, such as stock certificates, option agreements, warrants, etc. DO NOT SEND ORIGINAL DOCUMENTS. If the documents are not available, explain. If the documents are voluminous, attach a summary.		
8. Date-Stamped Copy: To receive an acknowledgement of the filing of your Proof of Interest, enclose a stamped, self-addressed envelope and copy of this Proof of Interest.		
9. Signature: Check the appropriate box. <input checked="" type="checkbox"/> I am the interest holder. <input type="checkbox"/> I am the interest holder's authorized agent. (Attach copy of power of attorney, if any.) <input type="checkbox"/> I am the trustee, or the debtor, or their authorized agent. (See Bankruptcy Rule 3004.) <input type="checkbox"/> I am a guarantor, surety, endorser, or other codebtor. (see Bankruptcy Rule 3005.)		
I declare under penalty of perjury that the information provided in this proof of interest is true and correct to the best of my knowledge, information, and reasonable belief.		
Print Name: Drew Hirsh Title: _____ Company: _____ Address and telephone number (if different from notice address above): _____ _____ _____ _____ (Signature) _____ (Date) December 13, 2024 Telephone number: 917-968-7478 email: drewhirsh@gmail.com		

PROOF OF INTEREST SUPPLEMENTAL INFORMATION:**CASE:** 24-50792, META MATERIALS, INC.**FOR:** Drew Hirsh**BROKER:** E*Trade**ACCT #:** 49327968**TRANSACTIONS IN 2021 Pre-Reverse Split [TRCH]:**

● 02/16/21	Purchased 28 Shares	\$4.38/Share	[\$122.50 total invested]
● 02/16/21	Purchased 37 Shares	\$4.53/Share	[\$167.52 total invested]
● 02/16/21	Purchased 50 Shares	\$4.39/Share	[\$219.41 total invested]
● 02/16/21	Purchased 200 Shares	\$4.42/Share	[\$885.00 total invested]
● 02/16/21	Purchased 200 Shares	\$4.40/Share	[\$879.62 total invested]
● 02/17/21	Purchased 3 Shares	\$3.67/Share	[\$11.00 total invested]
● 02/17/21	Purchased 25 Shares	\$3.67/Share	[\$91.83 total invested]
● 02/17/21	Purchased 25 Shares	\$3.92/Share	[\$97.99 total invested]
● 02/17/21	Purchased 28 Shares	\$3.69/Share	[\$103.32 total invested]
● 02/17/21	Purchased 54 Shares	\$3.72/Share	[\$201.04 total invested]
● 02/19/21	Purchased 38 Shares	\$3.02/Share	[\$114.57 total invested]
● 02/19/21	Purchased 57 Shares	\$3.01/Share	[\$171.83 total invested]
● 02/19/21	Purchased 90 Shares	\$2.96/Share	[\$266.20 total invested]
● 02/25/21	Sold 65 Shares	\$2.57/Share	[\$167.06 total recovered]
● 03/11/21	Purchased 20 Shares	\$2.72/Share	[\$54.36 total invested]
● 03/11/21	Purchased 45 Shares	\$2.76/Share	[\$123.98 total invested]
● 03/11/21	Purchased 100 Shares	\$2.63/Share	[\$262.99 total invested]
● 03/11/21	Purchased 100 Shares	\$2.63/Share	[\$262.69 total invested]
● 03/11/21	Purchased 100 Shares	\$2.63/Share	[\$262.50 total invested]
● 03/11/21	Purchased 100 Shares	\$2.64/Share	[\$263.77 total invested]
● 03/12/21	Purchased 1 Share	\$2.95/Share	[\$2.95 total invested]
● 03/12/21	Purchased 1 Share	\$3.04/Share	[\$3.04 total invested]
● 03/12/21	Purchased 5 Shares	\$3.04/Share	[\$15.18 total invested]
● 03/12/21	Purchased 460 Shares	\$3.02/Share	[\$1,389.20 total invested]
● 03/17/21	Purchased 2 Shares	\$2.36/Share	[\$4.72 total invested]
● 03/17/21	Purchased 10 Shares	\$2.36/Share	[\$23.59 total invested]
● 03/17/21	Purchased 200 Shares	\$2.35/Share	[\$470.60 total invested]
● 03/18/21	Purchased 8 Shares	\$2.13/Share	[\$17.02 total invested]
● 03/18/21	Purchased 40 Shares	\$2.12/Share	[\$84.60 total invested]
● 03/19/21	Purchased 1 Share	\$2.20/Share	[\$2.20 total invested]
● 03/19/21	Purchased 15 Shares	\$2.20/Share	[\$32.93 total invested]
● 03/19/21	Purchased 20 Shares	\$2.21/Share	[\$44.20 total invested]
● 03/19/21	Purchased 20 Shares	\$2.21/Share	[\$44.10 total invested]
● 03/19/21	Purchased 30 Shares	\$2.20/Share	[\$65.97 total invested]
● 03/19/21	Purchased 50 Shares	\$2.21/Share	[\$110.45 total invested]
● 03/23/21	Purchased 3 Shares	\$2.06/Share	[\$6.20 total invested]
● 03/23/21	Purchased 45 Shares	\$2.07 Share	[\$92.95 total invested]

● 03/24/21	Purchased 2 Shares	\$1.88/Share	[\$3.76 total invested]
● 03/24/21	Purchased 25 Shares	\$1.89/Share	[\$47.20 total invested]
● 04/23/21	Purchased 55 Shares	\$1.80/Share	[\$98.90 total invested]
● 05/13/21	Purchased 2 Shares	\$1.83/Share	[\$3.65 total invested]
● 05/13/21	Purchased 2 Shares	\$1.81/Share	[\$3.61 total invested]
● 05/13/21	Purchased 3 Shares	\$1.79/Share	[\$5.37 total invested]
● 05/13/21	Purchased 50 Shares	\$1.79/Share	[\$89.34 total invested]
● 05/14/21	Purchased 2 Shares	\$1.93/Share	[\$3.87 total invested]
● 05/19/21	Purchased 10 Shares	\$2.08/Share	[\$20.78 total invested]
● 05/19/21	Purchased 12 Shares	\$2.08/Share	[\$24.91 total invested]
● 05/19/21	Purchased 20 Shares	\$2.08/Share	[\$41.56 total invested]
● 05/19/21	Purchased 100 Shares	\$2.08/Share	[\$207.79 total invested]
● 06/01/21	Purchased 2 Share	\$2.60/Share	[\$2.60 total invested]
● 06/01/21	Purchased 15 Shares	\$2.61/Share	[\$39.12 total invested]
● 06/01/21	Purchased 20 Shares	\$2.62/Share	[\$52.30 total invested]
● 06/01/21	Purchased 100 Shares	\$2.62/Share	[\$261.50 total invested]
● 06/02/21	Purchased 1 Share	\$2.78/Share	[\$2.78 total invested]
● 06/04/21	Purchased 200 Shares	\$2.73/Share	[\$545.54 total invested]
● 06/10/21	Purchased 1 Share.	\$2.95/Share	[\$2.95 total invested]
● 06/10/21	Purchased 20 Shares	\$2.95/Share	[\$58.95 total invested]
● 06/10/21	Purchased 60 Shares	\$2.95/Share	[\$176.87 total invested]
● 06/14/21	Purchased 50 Shares	\$3.56/Share	[\$177.79 total invested]
● 06/14/21	Purchased 50 Shares	\$3.56/Share	[\$177.75 total invested]
● 06/14/21	Purchased 200 Shares	\$3.57/Share	[\$713.52 total invested]
● 06/15/21	Purchased 50 Shares	\$5.11/Share	[\$255.41 total invested]
● 06/15/21	Purchased 50 Shares	\$5.06/Share	[\$253.00 total invested]
● 06/15/21	Purchased 100 Shares	\$5.40/Share	[\$539.50 total invested]

TOTAL SHARES HELD PRE-REVERSE SPLIT: 3,348 shares

TOTAL MONIES INVESTED PRE-REVERSE SPLIT: \$10,615.28

TRANSACTIONS IN 2021 [MMAT]:

● 07/28/21	Purchased 2 Shares	\$3.58/Share	[\$7.16 total invested]
● 07/28/21	Purchased 10 Shares	\$3.56/Share	[\$35.55 total invested]
● 07/28/21	Purchased 20 Shares	\$3.43/Share	[\$68.50 total invested]
● 07/28/21	Purchased 50 Shares	\$3.57/Share	[\$178.25 total invested]
● 08/02/21	Purchased 1 Share	\$3.43/Share	[\$3.43 total invested]
● 08/02/21	Purchased 1 Share.	\$3.43/Share	[\$3.43 total invested]
● 08/02/21	Purchased 3 Shares	\$3.44/Share	[\$10.33 total invested]
● 08/02/21	Purchased 25 Shares	\$3.45/Share	[\$86.13 total invested]
● 08/03/21	Purchased 1 Share	\$3.28/Share	[\$3.28 total invested]
● 08/03/21	Purchased 2 Shares	\$3.24/Share	[\$6.48 total invested]
● 08/03/21	Purchased 4 Shares	\$3.27/Share	[\$13.10 total invested]
● 08/03/21	Purchased 5 Shares	\$3.27/Share	[\$16.37 total invested]
● 08/03/21	Purchased 6 Shares	\$3.27/Share	[\$19.64 total invested]
● 08/03/21	Purchased 6 Shares	\$3.26/Share	[\$19.56 total invested]
● 08/03/21	Purchased 15 Shares	\$3.28/Share	[\$49.13 total invested]

● 08/03/21	Purchased 60 Shares	\$3.28/Share	[\$196.61 total invested]
● 08/06/21	Purchased 9 Shares	\$3.28/Share	[\$29.48 total invested]
● 08/09/21	Purchased 5 Shares	\$3.64/Share	[\$18.18 total invested]
● 08/10/21	Purchased 2 Shares	\$3.62/Share	[\$7.23 total invested]
● 08/10/21	Purchased 3 Shares	\$3.62/Share	[\$10.87 total invested]
● 08/10/21	Purchased 3 Shares	\$3.63/Share	[\$10.88 total invested]
● 08/10/21	Purchased 3 Shares	\$3.60/Share	[\$10.79 total invested]
● 08/10/21	Purchased 4 Shares	\$3.60/Share	[\$14.42 total invested]
● 08/10/21	Purchased 7 Shares	\$3.60/Share	[\$36.05 total invested]
● 08/10/21	Purchased 25 Shares	\$3.63/Share	[\$90.63 total invested]
● 08/10/21	Purchased 25 Shares	\$3.62/Share	[\$90.60 total invested]
● 08/10/21	Purchased 25 Shares	\$3.62/Share	[\$90.41 total invested]
● 08/10/21	Purchased 27 Shares	\$3.64/Share	[\$98.16 total invested]
● 08/11/21	Purchased 2 Shares	\$3.58/Share	[\$7.15 total invested]
● 08/13/21	Purchased 3 Shares	\$3.22/Share	[\$9.66 total invested]
● 08/13/21	Purchased 4 Shares	\$3.22/Share	[\$12.86 total invested]
● 08/18/21	Purchased 4 Shares	\$3.06/Share	[\$12.22 total invested]
● 08/23/21	Purchased 6 Shares	\$3.37/Share	[\$20.19 total invested]
● 08/27/21	Purchased 1 Shares	\$4.33/Share	[\$4.33 total invested]
● 08/27/21	Purchased 1 Shares	\$4.23/Share	[\$4.23 total invested]
● 08/27/21	Purchased 2 Shares	\$4.23/Share	[\$8.46 total invested]
● 08/27/21	Purchased 4 Shares	\$4.03/Share	[\$16.14 total invested]
● 08/27/21	Purchased 20 Shares	\$4.07/Share	[\$81.31 total invested]
● 08/27/21	Purchased 22 Shares	\$4.36/Share	[\$95.85 total invested]
● 08/27/21	Purchased 22 Shares	\$4.24/Share	[\$93.28 total invested]
● 08/30/21	Purchased 4 Shares	\$4.85/Share	[\$19.42 total invested]
● 08/31/21	Purchased 6 Shares	\$4.60/Share	[\$27.57 total invested]
● 08/31/21	Purchased 15 Shares	\$4.55/Share	[\$68.24 total invested]
● 08/31/21	Purchased 20 Shares	\$4.55/Share	[\$90.97 total invested]
● 09/01/21	Purchased 3 Shares	\$4.54/Share	[\$13.61 total invested]
● 09/02/21	Purchased 13 Shares	\$5.31/Share	[\$69.09 total invested]
● 09/07/21	Purchased 4 Shares	\$5.46/Share	[\$21.86 total invested]
● 09/08/21	Purchased 2 Shares	\$4.94/Share	[\$9.87 total invested]
● 09/08/21	Purchased 4 Shares	\$4.96/Share	[\$19.86 total invested]
● 09/09/21	Purchased 4 Shares	\$5.35/Share	[\$21.38 total invested]
● 09/10/21	Purchased 2 Shares	\$5.46/Share	[\$10.93 total invested]
● 09/10/21	Purchased 25 Shares	\$5.46/Share	[\$136.58 total invested]
● 09/21/21	Purchased 1 Shares	\$4.90/Share	[\$4.90 total invested]
● 09/21/21	Purchased 20 Shares	\$4.90/Share	[\$97.96 total invested]
● 11/30/21	Purchased 1 Shares	\$3.63/Share	[\$3.63 total invested]
● 12/02/21	Sold 323 Shares	\$3.34/Share	[\$1078.77 total recovered]
● 12/06/21	Purchased 1 Shares	\$3.16/Share	[\$3.16 total invested]

TOTAL SHARES HELD POST-REVERSE SPLIT: 237 shares

TOTAL MONIES INVESTED POST-REVERSE SPLIT: \$2,209.36

TRANSACTIONS IN 2022 [MMAT]:

- 01/11/22 Sold 250 Shares \$2.35/Share [\$587.84 total recovered]
- 01/11/22 Sold 500 Shares \$2.35/Share [\$1174.97 total recovered]
- 01/18/22 Purchased 1 Shares \$2.09/Share [\$2.09 total invested]
- 01/21/22 Sold 253 Shares \$1.74/Share [\$438.92 total recovered]
- 02/08/22 Purchased 2 Shares \$1.65/Share [\$3.29 total invested]
- 02/17/22 Purchased 3 Shares \$1.85/Share [\$5.54total invested]
- 02/22/22 Purchased 6 Shares \$1.76/Share [\$10.54 total invested]
- 02/22/22 Purchased 9 Shares \$1.72/Share [\$15.47 total invested]
- 02/22/22 Sold 1020 Shares \$1.66/Share [\$1687.96 total recovered]
- 03/01/22 Purchased 111 Shares \$2.06/Share [\$228.65 total invested]
- 03/04/22 Sold 111 Shares \$1.53/Share [\$169.48 total recovered]

Please note, by the spring of 2022 I had sold the majority of my MMAT and took the proceeds from those sales and purchased shares of MMTLP. I currently have 1,912 shares of MMTLP that are still frozen because of the US halt from December 9, 2022. If you have any questions at all about the above information, please don't hesitate to let me know.

Email: drewhirsh@gmail.com

Cell: (917) 969-7478

****See Transaction documentation attached.**

MORGAN STANLEY DOMESTIC HOLDINGS, INC. E*TRADE SECURITIES LLC PO BOX 484 JERSEY CITY, NJ 07303-0484	Account No: 49327968 Account Name: DREW HIRSH Recipient's TIN: ***-**-2007 Account Executive No: ET1 ORIGINAL: 12/31/2021
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DETAILS OF 2021 INVESTMENT ACTIVITY CONTINUED

Date	Security Description	CUSIP	Transaction Description	Quantity	Price	Amount	Additional Information
03/10/21	GAMESTOP CORP CLASS A	36467W109	PURCHASE	2.000	\$278.33	\$556.65	
03/10/21	GAMESTOP CORP CLASS A	36467W109	PURCHASE	3.000	\$259.00	\$777.00	
03/11/21	GAMESTOP CORP CLASS A	36467W109	SELL	1.000	\$265.81	\$265.80	
03/11/21	GAMESTOP CORP CLASS A	36467W109	SELL	1.000	\$264.29	\$264.28	
03/11/21	GAMESTOP CORP CLASS A	36467W109	SELL	1.000	\$264.25	\$264.24	
03/11/21	GAMESTOP CORP CLASS A	36467W109	SELL	1.000	\$264.12	\$264.11	
03/11/21	GAMESTOP CORP CLASS A	36467W109	SELL	1.000	\$263.61	\$263.60	
02/26/21	KEMPHARM INC COMMON STOCK	488445206	PURCHASE	33.000	\$9.49	\$313.01	
02/26/21	KEMPHARM INC COMMON STOCK	488445206	PURCHASE	34.000	\$9.89	\$336.19	
03/02/21	KEMPHARM INC COMMON STOCK	488445206	PURCHASE	10.000	\$9.05	\$90.50	
03/02/21	KEMPHARM INC COMMON STOCK	488445206	PURCHASE	100.000	\$9.06	\$905.80	
03/08/21	KEMPHARM INC COMMON STOCK	488445206	SELL	177.000	\$9.38	\$1,661.12	
03/10/21	KEMPHARM INC COMMON STOCK	488445206	PURCHASE	4.000	\$10.43	\$41.72	
03/10/21	KEMPHARM INC COMMON STOCK	488445206	PURCHASE	25.000	\$9.95	\$248.75	
03/10/21	KEMPHARM INC COMMON STOCK	488445206	PURCHASE	60.000	\$10.68	\$640.80	
03/10/21	KEMPHARM INC COMMON STOCK	488445206	PURCHASE	60.000	\$10.43	\$625.50	
03/12/21	KEMPHARM INC COMMON STOCK	488445206	SELL	149.000	\$9.44	\$1,406.53	
02/05/21	***LAIX INC AMERICAN DEPOSITARY SHARES	50736W105	PURCHASE	1.000	\$10.04	\$10.05	
02/05/21	***LAIX INC AMERICAN DEPOSITARY SHARES	50736W105	PURCHASE	1.000	\$8.57	\$8.57	
02/05/21	***LAIX INC AMERICAN DEPOSITARY SHARES	50736W105	PURCHASE	1.000	\$8.16	\$8.16	
02/05/21	***LAIX INC AMERICAN DEPOSITARY SHARES	50736W105	PURCHASE	2.000	\$9.48	\$18.96	
02/05/21	***LAIX INC AMERICAN DEPOSITARY SHARES	50736W105	PURCHASE	40.000	\$9.41	\$376.20	
02/05/21	***LAIX INC AMERICAN DEPOSITARY SHARES	50736W105	PURCHASE	50.000	\$9.00	\$450.00	
02/05/21	***LAIX INC AMERICAN DEPOSITARY SHARES	50736W105	PURCHASE	111.000	\$9.35	\$1,037.85	
02/05/21	***LAIX INC AMERICAN DEPOSITARY SHARES	50736W105	SELL	206.000	\$5.31	\$1,093.81	
07/28/21	META MATLS INC COMMON STOCK	59134N104	PURCHASE	2.000	\$3.58	\$7.16	
07/28/21	META MATLS INC COMMON STOCK	59134N104	PURCHASE	10.000	\$3.56	\$35.55	
07/28/21	META MATLS INC COMMON STOCK	59134N104	PURCHASE	20.000	\$3.43	\$68.50	
07/28/21	META MATLS INC COMMON STOCK	59134N104	PURCHASE	50.000	\$3.57	\$178.25	
08/02/21	META MATLS INC COMMON STOCK	59134N104	PURCHASE	1.000	\$3.43	\$3.43	
08/02/21	META MATLS INC COMMON STOCK	59134N104	PURCHASE	1.000	\$3.43	\$3.43	
08/02/21	META MATLS INC COMMON STOCK	59134N104	PURCHASE	3.000	\$3.44	\$10.33	
08/02/21	META MATLS INC COMMON STOCK	59134N104	PURCHASE	25.000	\$3.45	\$86.13	
08/03/21	META MATLS INC COMMON STOCK	59134N104	PURCHASE	1.000	\$3.28	\$3.28	
08/03/21	META MATLS INC COMMON STOCK	59134N104	PURCHASE	2.000	\$3.24	\$6.48	
08/03/21	META MATLS INC COMMON STOCK	59134N104	PURCHASE	4.000	\$3.27	\$13.10	

THIS STATEMENT IS NOT A SUBSTITUTE FOR FORM 1099 AND IS PROVIDED FOR INFORMATIONAL PURPOSES ONLY.

MORGAN STANLEY DOMESTIC HOLDINGS, INC.	Account No:	49327968
E*TRADE SECURITIES LLC	Account Name:	DREW HIRSH
PO BOX 484	Recipient's TIN:	***--2007
JERSEY CITY, NJ 07303-0484	Account Executive No:	ET1
	ORIGINAL:	12/31/2021

DETAILS OF 2021 INVESTMENT ACTIVITY, CONTINUED

Date	Security Description	CUSIP	Transaction Description	Quantity	Price	Amount	Additional Information
03/10/21	GAMESTOP CORP CLASS A	36467W109	PURCHASE	2.000	\$278.33	\$556.65	
03/10/21	GAMESTOP CORP CLASS A	36467W109	PURCHASE	3.000	\$259.00	\$777.00	
03/11/21	GAMESTOP CORP CLASS A	36467W109	SELL	1.000	\$265.81	\$265.80	
03/11/21	GAMESTOP CORP CLASS A	36467W109	SELL	1.000	\$264.29	\$264.28	
03/11/21	GAMESTOP CORP CLASS A	36467W109	SELL	1.000	\$264.25	\$264.24	
03/11/21	GAMESTOP CORP CLASS A	36467W109	SELL	1.000	\$264.12	\$264.11	
03/11/21	GAMESTOP CORP CLASS A	36467W109	SELL	1.000	\$263.61	\$263.60	
02/26/21	KEMPHARM INC COMMON STOCK	488445206	PURCHASE	33.000	\$9.49	\$313.01	
02/26/21	KEMPHARM INC COMMON STOCK	488445206	PURCHASE	34.000	\$9.89	\$336.19	
03/02/21	KEMPHARM INC COMMON STOCK	488445206	PURCHASE	10.000	\$9.05	\$90.50	
03/02/21	KEMPHARM INC COMMON STOCK	488445206	PURCHASE	100.000	\$9.06	\$905.80	
03/08/21	KEMPHARM INC COMMON STOCK	488445206	SELL	177.000	\$9.38	\$1,661.12	
03/10/21	KEMPHARM INC COMMON STOCK	488445206	PURCHASE	4.000	\$10.43	\$41.72	
03/10/21	KEMPHARM INC COMMON STOCK	488445206	PURCHASE	25.000	\$9.95	\$248.75	
03/10/21	KEMPHARM INC COMMON STOCK	488445206	PURCHASE	60.000	\$10.68	\$640.80	
03/10/21	KEMPHARM INC COMMON STOCK	488445206	PURCHASE	60.000	\$10.43	\$625.50	
03/12/21	KEMPHARM INC COMMON STOCK	488445206	SELL	149.000	\$9.44	\$1,406.53	
02/05/21	***LAIX INC AMERICAN DEPOSITARY SHARES	50736W105	PURCHASE	1.000	\$10.04	\$10.05	
02/05/21	***LAIX INC AMERICAN DEPOSITARY SHARES	50736W105	PURCHASE	1.000	\$8.57	\$8.57	
02/05/21	***LAIX INC AMERICAN DEPOSITARY SHARES	50736W105	PURCHASE	1.000	\$8.16	\$8.16	
02/05/21	***LAIX INC AMERICAN DEPOSITARY SHARES	50736W105	PURCHASE	2.000	\$9.48	\$18.96	
02/05/21	***LAIX INC AMERICAN DEPOSITARY SHARES	50736W105	PURCHASE	40.000	\$9.41	\$376.20	
02/05/21	***LAIX INC AMERICAN DEPOSITARY SHARES	50736W105	PURCHASE	50.000	\$9.00	\$450.00	
02/05/21	***LAIX INC AMERICAN DEPOSITARY SHARES	50736W105	PURCHASE	111.000	\$9.35	\$1,037.85	
02/05/21	***LAIX INC AMERICAN DEPOSITARY SHARES	50736W105	SELL	206.000	\$5.31	\$1,093.81	
07/28/21	META MATLS INC COMMON STOCK	59134N104	PURCHASE	2.000	\$3.58	\$7.16	
07/28/21	META MATLS INC COMMON STOCK	59134N104	PURCHASE	10.000	\$3.56	\$35.55	
07/28/21	META MATLS INC COMMON STOCK	59134N104	PURCHASE	20.000	\$3.43	\$68.50	
07/28/21	META MATLS INC COMMON STOCK	59134N104	PURCHASE	50.000	\$3.57	\$178.25	
08/02/21	META MATLS INC COMMON STOCK	59134N104	PURCHASE	1.000	\$3.43	\$3.43	
08/02/21	META MATLS INC COMMON STOCK	59134N104	PURCHASE	1.000	\$3.43	\$3.43	
08/02/21	META MATLS INC COMMON STOCK	59134N104	PURCHASE	3.000	\$3.44	\$10.33	
08/02/21	META MATLS INC COMMON STOCK	59134N104	PURCHASE	25.000	\$3.45	\$86.13	
08/03/21	META MATLS INC COMMON STOCK	59134N104	PURCHASE	1.000	\$3.28	\$3.28	
08/03/21	META MATLS INC COMMON STOCK	59134N104	PURCHASE	2.000	\$3.24	\$6.48	
08/03/21	META MATLS INC COMMON STOCK	59134N104	PURCHASE	4.000	\$3.27	\$13.10	

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MORGAN STANLEY DOMESTIC HOLDINGS, INC.	Account No:	49327968
E*TRADE SECURITIES LLC	Account Name:	DREW HIRSH
PO BOX 484	Recipient's TIN:	***-**-2007
JERSEY CITY, NJ 07303-0484	Account Executive No:	ET1
	ORIGINAL:	12/31/2021

DETAILS OF 2021 INVESTMENT ACTIVITY, CONTINUED

Date	Security Description	CUSIP	Transaction Description	Quantity	Price	Amount	Additional Information
08/03/21	META MATLS INC COMMON STOCK	59134N104	PURCHASE	5.000	\$3.27	\$16.37	
08/03/21	META MATLS INC COMMON STOCK	59134N104	PURCHASE	6.000	\$3.27	\$19.64	
08/03/21	META MATLS INC COMMON STOCK	59134N104	PURCHASE	6.000	\$3.26	\$19.56	
08/03/21	META MATLS INC COMMON STOCK	59134N104	PURCHASE	15.000	\$3.28	\$49.13	
08/03/21	META MATLS INC COMMON STOCK	59134N104	PURCHASE	60.000	\$3.28	\$196.61	
08/06/21	META MATLS INC COMMON STOCK	59134N104	PURCHASE	9.000	\$3.28	\$29.48	
08/09/21	META MATLS INC COMMON STOCK	59134N104	PURCHASE	5.000	\$3.64	\$18.18	
08/10/21	META MATLS INC COMMON STOCK	59134N104	PURCHASE	2.000	\$3.62	\$7.23	
08/10/21	META MATLS INC COMMON STOCK	59134N104	PURCHASE	3.000	\$3.62	\$10.87	
08/10/21	META MATLS INC COMMON STOCK	59134N104	PURCHASE	3.000	\$3.63	\$10.88	
08/10/21	META MATLS INC COMMON STOCK	59134N104	PURCHASE	3.000	\$3.60	\$10.79	
08/10/21	META MATLS INC COMMON STOCK	59134N104	PURCHASE	4.000	\$3.60	\$14.42	
08/10/21	META MATLS INC COMMON STOCK	59134N104	PURCHASE	7.000	\$3.62	\$25.36	
08/10/21	META MATLS INC COMMON STOCK	59134N104	PURCHASE	10.000	\$3.60	\$36.05	
08/10/21	META MATLS INC COMMON STOCK	59134N104	PURCHASE	25.000	\$3.63	\$90.63	
08/10/21	META MATLS INC COMMON STOCK	59134N104	PURCHASE	25.000	\$3.62	\$90.60	
08/10/21	META MATLS INC COMMON STOCK	59134N104	PURCHASE	25.000	\$3.62	\$90.41	
08/10/21	META MATLS INC COMMON STOCK	59134N104	PURCHASE	27.000	\$3.64	\$98.16	
08/11/21	META MATLS INC COMMON STOCK	59134N104	PURCHASE	2.000	\$3.58	\$7.15	
08/13/21	META MATLS INC COMMON STOCK	59134N104	PURCHASE	3.000	\$3.22	\$9.66	
08/13/21	META MATLS INC COMMON STOCK	59134N104	PURCHASE	4.000	\$3.22	\$12.86	
08/18/21	META MATLS INC COMMON STOCK	59134N104	PURCHASE	4.000	\$3.06	\$12.22	
08/23/21	META MATLS INC COMMON STOCK	59134N104	PURCHASE	6.000	\$3.37	\$20.19	
08/27/21	META MATLS INC COMMON STOCK	59134N104	PURCHASE	1.000	\$4.33	\$4.33	
08/27/21	META MATLS INC COMMON STOCK	59134N104	PURCHASE	1.000	\$4.23	\$4.23	
08/27/21	META MATLS INC COMMON STOCK	59134N104	PURCHASE	2.000	\$4.23	\$8.46	
08/27/21	META MATLS INC COMMON STOCK	59134N104	PURCHASE	4.000	\$4.03	\$16.14	
08/27/21	META MATLS INC COMMON STOCK	59134N104	PURCHASE	20.000	\$4.07	\$81.31	
08/27/21	META MATLS INC COMMON STOCK	59134N104	PURCHASE	22.000	\$4.36	\$95.85	
08/27/21	META MATLS INC COMMON STOCK	59134N104	PURCHASE	22.000	\$4.24	\$93.28	
08/30/21	META MATLS INC COMMON STOCK	59134N104	PURCHASE	4.000	\$4.85	\$19.42	
08/31/21	META MATLS INC COMMON STOCK	59134N104	PURCHASE	6.000	\$4.60	\$27.57	
08/31/21	META MATLS INC COMMON STOCK	59134N104	PURCHASE	15.000	\$4.55	\$68.24	
08/31/21	META MATLS INC COMMON STOCK	59134N104	PURCHASE	20.000	\$4.55	\$90.97	
09/01/21	META MATLS INC COMMON STOCK	59134N104	PURCHASE	3.000	\$4.54	\$13.61	
09/02/21	META MATLS INC COMMON STOCK	59134N104	PURCHASE	13.000	\$5.31	\$69.09	

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MORGAN STANLEY DOMESTIC HOLDINGS, INC. E*TRADE SECURITIES LLC PO BOX 484 JERSEY CITY, NJ 07303-0484	Account No: 49327968 Account Name: DREW HIRSH Recipient's TIN: ***-**-2007 Account Executive No: ET1 ORIGINAL: 12/31/2021
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DETAILS OF 2021 INVESTMENT ACTIVITY, CONTINUED

Date	Security Description	CUSIP	Transaction Description	Quantity	Price	Amount	Additional Information
09/07/21	META MATLS INC COMMON STOCK	59134N104	PURCHASE	4.000	\$5.46	\$21.86	
09/08/21	META MATLS INC COMMON STOCK	59134N104	PURCHASE	2.000	\$4.94	\$9.87	
09/08/21	META MATLS INC COMMON STOCK	59134N104	PURCHASE	4.000	\$4.96	\$19.86	
09/09/21	META MATLS INC COMMON STOCK	59134N104	PURCHASE	4.000	\$5.35	\$21.38	
09/10/21	META MATLS INC COMMON STOCK	59134N104	PURCHASE	2.000	\$5.46	\$10.93	
09/10/21	META MATLS INC COMMON STOCK	59134N104	PURCHASE	25.000	\$5.46	\$136.58	
09/21/21	META MATLS INC COMMON STOCK	59134N104	PURCHASE	1.000	\$4.90	\$4.90	
09/21/21	META MATLS INC COMMON STOCK	59134N104	PURCHASE	20.000	\$4.90	\$97.96	
11/30/21	META MATLS INC COMMON STOCK	59134N104	PURCHASE	1.000	\$3.63	\$3.63	
12/02/21	META MATLS INC COMMON STOCK	59134N104	SELL	323.000	\$3.34	\$1,078.77	
12/06/21	META MATLS INC COMMON STOCK	59134N104	PURCHASE	1.000	\$3.16	\$3.16	
12/02/21	META MATLS INC PFD SER A	59134N203	PURCHASE	5.000	\$1.90	\$14.45	
12/02/21	META MATLS INC PFD SER A	59134N203	PURCHASE	50.000	\$1.91	\$100.45	
12/02/21	META MATLS INC PFD SER A	59134N203	PURCHASE	500.000	\$1.91	\$959.95	
02/11/21	MONOPAR THERAPEUTICS INC COMMON STOCK	61023L108	PURCHASE	26.000	\$12.94	\$336.44	
02/11/21	MONOPAR THERAPEUTICS INC COMMON STOCK	61023L108	SELL	26.000	\$10.23	\$266.08	
01/13/21	***NIO INC AMERICAN DEPOSITARY SHARES E	62914V106	PURCHASE	12.000	\$62.18	\$746.16	
01/29/21	***NIO INC AMERICAN DEPOSITARY SHARES E	62914V106	SELL	12.000	\$58.99	\$707.89	
01/28/21	NEW CONCEPT ENERGY INC	643611106	PURCHASE	5.000	\$17.00	\$85.00	
01/29/21	NEW CONCEPT ENERGY INC	643611106	SELL	5.000	\$13.00	\$64.99	
01/27/21	***NOKIA CORPORATION SPONSORED ADR REPS	654902204	PURCHASE	7.000	\$6.87	\$48.08	
01/27/21	***NOKIA CORPORATION SPONSORED ADR REPS	654902204	PURCHASE	9.000	\$7.00	\$63.00	
01/27/21	***NOKIA CORPORATION SPONSORED ADR REPS	654902204	PURCHASE	100.000	\$6.90	\$690.00	
01/29/21	***NOKIA CORPORATION SPONSORED ADR REPS	654902204	SELL	24.000	\$4.66	\$111.71	
01/29/21	***NOKIA CORPORATION SPONSORED ADR REPS	654902204	SELL	92.000	\$4.65	\$427.96	
02/09/21	OUTLOOK THERAPEUTICS INC COMMON STOCK	69012T206	PURCHASE	200.000	\$3.04	\$609.00	
02/11/21	OUTLOOK THERAPEUTICS INC COMMON STOCK	69012T206	SELL	200.000	\$2.62	\$522.96	
02/11/21	RCM TECHNOLOGIES INC NEW	749360400	PURCHASE	30.000	\$11.50	\$345.00	
02/11/21	RCM TECHNOLOGIES INC NEW	749360400	SELL	30.000	\$11.45	\$343.34	
03/08/21	SECOND SIGHT MEDICAL PRODUCTS INC COMMO	81362J209	PURCHASE	180.000	\$9.55	\$1,719.00	
03/10/21	SECOND SIGHT MEDICAL PRODUCTS INC COMMO	81362J209	SELL	2.000	\$10.70	\$21.39	
03/10/21	SECOND SIGHT MEDICAL PRODUCTS INC COMMO	81362J209	SELL	3.000	\$10.71	\$32.11	
03/10/21	SECOND SIGHT MEDICAL PRODUCTS INC COMMO	81362J209	SELL	175.000	\$10.68	\$1,868.97	
05/12/21	SECOND SIGHT MEDICAL PRODUCTS INC COMMO	81362J209	PURCHASE	75.000	\$6.35	\$475.89	
05/13/21	SECOND SIGHT MEDICAL PRODUCTS INC COMMO	81362J209	PURCHASE	4.000	\$5.11	\$20.44	
05/13/21	SECOND SIGHT MEDICAL PRODUCTS INC COMMO	81362J209	PURCHASE	19.000	\$5.10	\$96.84	

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MORGAN STANLEY DOMESTIC HOLDINGS, INC. E*TRADE SECURITIES LLC PO BOX 484 JERSEY CITY, NJ 07303-0484	Account No: 49327968 Account Name: DREW HIRSH Recipient's TIN: ***-**-2007 Account Executive No: ET1 ORIGINAL: 12/31/2021
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DETAILS OF 2021 INVESTMENT ACTIVITY, CONTINUED

Date	Security Description	CUSIP	Transaction Description	Quantity	Price	Amount	Additional Information
05/14/21	SECOND SIGHT MEDICAL PRODUCTS INC COMMO	81362J209	PURCHASE	9.000	\$5.11	\$45.99	
05/21/21	SECOND SIGHT MEDICAL PRODUCTS INC COMMO	81362J209	PURCHASE	10.000	\$5.21	\$52.14	
05/21/21	SECOND SIGHT MEDICAL PRODUCTS INC COMMO	81362J209	PURCHASE	10.000	\$5.22	\$52.19	
06/01/21	SECOND SIGHT MEDICAL PRODUCTS INC COMMO	81362J209	SELL	127.000	\$5.35	\$679.42	
01/29/21	SIEBERT FINANCIAL CORP	826176109	PURCHASE	4.000	\$17.36	\$69.45	
01/29/21	SIEBERT FINANCIAL CORP	826176109	SELL	4.000	\$8.81	\$35.23	
02/25/21	SILVERSUN TECHNOLOGIES INC COMMON STOCK	82846H207	PURCHASE	5.000	\$9.99	\$49.96	
02/25/21	SILVERSUN TECHNOLOGIES INC COMMON STOCK	82846H207	PURCHASE	10.000	\$9.77	\$97.70	
02/25/21	SILVERSUN TECHNOLOGIES INC COMMON STOCK	82846H207	PURCHASE	100.000	\$9.96	\$996.00	
02/25/21	SILVERSUN TECHNOLOGIES INC COMMON STOCK	82846H207	SELL	115.000	\$7.39	\$849.83	
02/05/21	SURGALIGN HOLDINGS INC COMMON STOCK	86882C105	PURCHASE	17.000	\$2.69	\$45.73	
02/05/21	SURGALIGN HOLDINGS INC COMMON STOCK	86882C105	PURCHASE	110.000	\$2.71	\$297.91	
02/09/21	SURGALIGN HOLDINGS INC COMMON STOCK	86882C105	PURCHASE	1.000	\$2.95	\$2.95	
02/10/21	SURGALIGN HOLDINGS INC COMMON STOCK	86882C105	SELL	128.000	\$2.87	\$366.69	
02/24/21	SYPRIS SOLUTIONS INC	871655106	PURCHASE	5.000	\$5.21	\$26.03	
02/24/21	SYPRIS SOLUTIONS INC	871655106	PURCHASE	20.000	\$4.82	\$96.40	
02/24/21	SYPRIS SOLUTIONS INC	871655106	PURCHASE	70.000	\$4.96	\$347.55	
02/24/21	SYPRIS SOLUTIONS INC	871655106	PURCHASE	100.000	\$5.29	\$528.78	
02/25/21	SYPRIS SOLUTIONS INC	871655106	SELL	195.000	\$4.81	\$936.95	
02/16/21	TORCHLIGHT ENERGY RESOURCES INC	89102U103	PURCHASE	28.000	\$4.38	\$122.50	
02/16/21	TORCHLIGHT ENERGY RESOURCES INC	89102U103	PURCHASE	37.000	\$4.53	\$167.52	
02/16/21	TORCHLIGHT ENERGY RESOURCES INC	89102U103	PURCHASE	50.000	\$4.39	\$219.41	
02/16/21	TORCHLIGHT ENERGY RESOURCES INC	89102U103	PURCHASE	200.000	\$4.42	\$885.00	
02/16/21	TORCHLIGHT ENERGY RESOURCES INC	89102U103	PURCHASE	200.000	\$4.40	\$879.62	
02/17/21	TORCHLIGHT ENERGY RESOURCES INC	89102U103	PURCHASE	3.000	\$3.67	\$11.00	
02/17/21	TORCHLIGHT ENERGY RESOURCES INC	89102U103	PURCHASE	25.000	\$3.67	\$91.83	
02/17/21	TORCHLIGHT ENERGY RESOURCES INC	89102U103	PURCHASE	25.000	\$3.92	\$97.97	
02/17/21	TORCHLIGHT ENERGY RESOURCES INC	89102U103	PURCHASE	28.000	\$3.69	\$103.32	
02/17/21	TORCHLIGHT ENERGY RESOURCES INC	89102U103	PURCHASE	54.000	\$3.72	\$201.04	
02/19/21	TORCHLIGHT ENERGY RESOURCES INC	89102U103	PURCHASE	38.000	\$3.02	\$114.57	
02/19/21	TORCHLIGHT ENERGY RESOURCES INC	89102U103	PURCHASE	57.000	\$3.01	\$171.83	
02/19/21	TORCHLIGHT ENERGY RESOURCES INC	89102U103	PURCHASE	90.000	\$2.96	\$266.20	
02/25/21	TORCHLIGHT ENERGY RESOURCES INC	89102U103	SELL	65.000	\$2.57	\$167.06	
03/11/21	TORCHLIGHT ENERGY RESOURCES INC	89102U103	PURCHASE	20.000	\$2.72	\$54.36	
03/11/21	TORCHLIGHT ENERGY RESOURCES INC	89102U103	PURCHASE	45.000	\$2.76	\$123.98	
03/11/21	TORCHLIGHT ENERGY RESOURCES INC	89102U103	PURCHASE	100.000	\$2.63	\$262.99	

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MORGAN STANLEY DOMESTIC HOLDINGS, INC. E*TRADE SECURITIES LLC PO BOX 484 JERSEY CITY, NJ 07303-0484	Account No: 49327968 Account Name: DREW HIRSH Recipient's TIN: ***-**-2007 Account Executive No: ET1 ORIGINAL: 12/31/2021
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DETAILS OF 2021 INVESTMENT ACTIVITY, CONTINUED

Date	Security Description	CUSIP	Transaction Description	Quantity	Price	Amount	Additional Information
03/11/21	TORCHLIGHT ENERGY RESOURCES INC	89102U103	PURCHASE	100.000	\$2.63	\$262.69	
03/11/21	TORCHLIGHT ENERGY RESOURCES INC	89102U103	PURCHASE	100.000	\$2.63	\$262.50	
03/11/21	TORCHLIGHT ENERGY RESOURCES INC	89102U103	PURCHASE	100.000	\$2.65	\$264.89	
03/11/21	TORCHLIGHT ENERGY RESOURCES INC	89102U103	PURCHASE	100.000	\$2.64	\$263.77	
03/12/21	TORCHLIGHT ENERGY RESOURCES INC	89102U103	PURCHASE	1.000	\$2.95	\$2.95	
03/12/21	TORCHLIGHT ENERGY RESOURCES INC	89102U103	PURCHASE	1.000	\$3.04	\$3.04	
03/12/21	TORCHLIGHT ENERGY RESOURCES INC	89102U103	PURCHASE	5.000	\$3.04	\$15.18	
03/12/21	TORCHLIGHT ENERGY RESOURCES INC	89102U103	PURCHASE	460.000	\$3.02	\$1,389.20	
03/17/21	TORCHLIGHT ENERGY RESOURCES INC	89102U103	PURCHASE	2.000	\$2.36	\$4.72	
03/17/21	TORCHLIGHT ENERGY RESOURCES INC	89102U103	PURCHASE	10.000	\$2.36	\$23.59	
03/17/21	TORCHLIGHT ENERGY RESOURCES INC	89102U103	PURCHASE	200.000	\$2.35	\$470.60	
03/18/21	TORCHLIGHT ENERGY RESOURCES INC	89102U103	PURCHASE	8.000	\$2.13	\$17.02	
03/18/21	TORCHLIGHT ENERGY RESOURCES INC	89102U103	PURCHASE	40.000	\$2.12	\$84.60	
03/19/21	TORCHLIGHT ENERGY RESOURCES INC	89102U103	PURCHASE	1.000	\$2.20	\$2.20	
03/19/21	TORCHLIGHT ENERGY RESOURCES INC	89102U103	PURCHASE	15.000	\$2.20	\$32.93	
03/19/21	TORCHLIGHT ENERGY RESOURCES INC	89102U103	PURCHASE	20.000	\$2.21	\$44.20	
03/19/21	TORCHLIGHT ENERGY RESOURCES INC	89102U103	PURCHASE	20.000	\$2.21	\$44.10	
03/19/21	TORCHLIGHT ENERGY RESOURCES INC	89102U103	PURCHASE	30.000	\$2.20	\$65.97	
03/19/21	TORCHLIGHT ENERGY RESOURCES INC	89102U103	PURCHASE	50.000	\$2.21	\$110.45	
03/23/21	TORCHLIGHT ENERGY RESOURCES INC	89102U103	PURCHASE	3.000	\$2.06	\$6.20	
03/23/21	TORCHLIGHT ENERGY RESOURCES INC	89102U103	PURCHASE	45.000	\$2.07	\$92.95	
03/24/21	TORCHLIGHT ENERGY RESOURCES INC	89102U103	PURCHASE	2.000	\$1.88	\$3.76	
03/24/21	TORCHLIGHT ENERGY RESOURCES INC	89102U103	PURCHASE	25.000	\$1.89	\$47.20	
04/23/21	TORCHLIGHT ENERGY RESOURCES INC	89102U103	PURCHASE	55.000	\$1.80	\$98.90	
05/13/21	TORCHLIGHT ENERGY RESOURCES INC	89102U103	PURCHASE	2.000	\$1.83	\$3.65	
05/13/21	TORCHLIGHT ENERGY RESOURCES INC	89102U103	PURCHASE	2.000	\$1.81	\$3.61	
05/13/21	TORCHLIGHT ENERGY RESOURCES INC	89102U103	PURCHASE	3.000	\$1.79	\$5.37	
05/13/21	TORCHLIGHT ENERGY RESOURCES INC	89102U103	PURCHASE	3.000	\$1.79	\$5.37	
05/13/21	TORCHLIGHT ENERGY RESOURCES INC	89102U103	PURCHASE	50.000	\$1.79	\$89.34	
05/14/21	TORCHLIGHT ENERGY RESOURCES INC	89102U103	PURCHASE	2.000	\$1.93	\$3.87	
05/19/21	TORCHLIGHT ENERGY RESOURCES INC	89102U103	PURCHASE	10.000	\$2.08	\$20.78	
05/19/21	TORCHLIGHT ENERGY RESOURCES INC	89102U103	PURCHASE	12.000	\$2.08	\$24.91	
05/19/21	TORCHLIGHT ENERGY RESOURCES INC	89102U103	PURCHASE	20.000	\$2.08	\$41.56	
05/19/21	TORCHLIGHT ENERGY RESOURCES INC	89102U103	PURCHASE	50.000	\$2.08	\$103.84	
05/19/21	TORCHLIGHT ENERGY RESOURCES INC	89102U103	PURCHASE	100.000	\$2.08	\$207.79	
06/01/21	TORCHLIGHT ENERGY RESOURCES INC	89102U103	PURCHASE	1.000	\$2.60	\$2.60	

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MORGAN STANLEY DOMESTIC HOLDINGS, INC.	Account No:	49327968
E*TRADE SECURITIES LLC	Account Name:	DREW HIRSH
PO BOX 484	Recipient's TIN:	***-**-2007
JERSEY CITY, NJ 07303-0484	Account Executive No:	ET1
	ORIGINAL:	12/31/2021

DETAILS OF 2021 INVESTMENT ACTIVITY, CONTINUED

Date	Security Description	CUSIP	Transaction Description	Quantity	Price	Amount	Additional Information
06/01/21	TORCHLIGHT ENERGY RESOURCES INC	89102U103	PURCHASE	15.000	\$2.61	\$39.12	
06/01/21	TORCHLIGHT ENERGY RESOURCES INC	89102U103	PURCHASE	20.000	\$2.62	\$52.30	
06/01/21	TORCHLIGHT ENERGY RESOURCES INC	89102U103	PURCHASE	100.000	\$2.62	\$261.50	
06/02/21	TORCHLIGHT ENERGY RESOURCES INC	89102U103	PURCHASE	1.000	\$2.78	\$2.78	
06/04/21	TORCHLIGHT ENERGY RESOURCES INC	89102U103	PURCHASE	200.000	\$2.73	\$545.54	
06/10/21	TORCHLIGHT ENERGY RESOURCES INC	89102U103	PURCHASE	1.000	\$2.95	\$2.95	
06/10/21	TORCHLIGHT ENERGY RESOURCES INC	89102U103	PURCHASE	20.000	\$2.95	\$58.95	
06/10/21	TORCHLIGHT ENERGY RESOURCES INC	89102U103	PURCHASE	60.000	\$2.95	\$176.87	
06/14/21	TORCHLIGHT ENERGY RESOURCES INC	89102U103	PURCHASE	50.000	\$3.56	\$177.79	
06/14/21	TORCHLIGHT ENERGY RESOURCES INC	89102U103	PURCHASE	50.000	\$3.56	\$177.75	
06/14/21	TORCHLIGHT ENERGY RESOURCES INC	89102U103	PURCHASE	200.000	\$3.57	\$713.52	
06/15/21	TORCHLIGHT ENERGY RESOURCES INC	89102U103	PURCHASE	50.000	\$5.11	\$255.41	
06/15/21	TORCHLIGHT ENERGY RESOURCES INC	89102U103	PURCHASE	50.000	\$5.06	\$253.00	
06/15/21	TORCHLIGHT ENERGY RESOURCES INC	89102U103	PURCHASE	100.000	\$5.40	\$539.50	
06/01/21	TYME TECHNOLOGIES INC COMMON STOCK	90238J103	PURCHASE	1.000	\$1.64	\$1.64	
06/01/21	TYME TECHNOLOGIES INC COMMON STOCK	90238J103	PURCHASE	1.000	\$1.65	\$1.65	
06/01/21	TYME TECHNOLOGIES INC COMMON STOCK	90238J103	PURCHASE	2.000	\$1.64	\$3.27	
06/01/21	TYME TECHNOLOGIES INC COMMON STOCK	90238J103	PURCHASE	3.000	\$1.67	\$5.00	
06/01/21	TYME TECHNOLOGIES INC COMMON STOCK	90238J103	PURCHASE	30.000	\$1.65	\$49.35	
06/01/21	TYME TECHNOLOGIES INC COMMON STOCK	90238J103	PURCHASE	30.000	\$1.64	\$49.32	
06/01/21	TYME TECHNOLOGIES INC COMMON STOCK	90238J103	PURCHASE	400.000	\$1.67	\$666.00	
06/02/21	TYME TECHNOLOGIES INC COMMON STOCK	90238J103	PURCHASE	5.000	\$1.60	\$8.03	
06/03/21	TYME TECHNOLOGIES INC COMMON STOCK	90238J103	SELL	219.000	\$1.54	\$337.22	
06/03/21	TYME TECHNOLOGIES INC COMMON STOCK	90238J103	SELL	253.000	\$1.55	\$390.85	
02/19/21	VACCINEX INC COMMON STOCK	918640103	PURCHASE	30.000	\$7.85	\$235.35	
02/19/21	VACCINEX INC COMMON STOCK	918640103	SELL	30.000	\$8.38	\$251.47	
08/27/21	VINCO VENTURES INC COMMON STOCK	927330100	PURCHASE	1.000	\$5.13	\$5.13	
08/27/21	VINCO VENTURES INC COMMON STOCK	927330100	PURCHASE	3.000	\$5.17	\$15.52	
08/27/21	VINCO VENTURES INC COMMON STOCK	927330100	PURCHASE	15.000	\$5.17	\$77.53	
08/30/21	VINCO VENTURES INC COMMON STOCK	927330100	PURCHASE	1.000	\$7.53	\$7.53	
08/30/21	VINCO VENTURES INC COMMON STOCK	927330100	PURCHASE	5.000	\$7.51	\$37.53	
08/30/21	VINCO VENTURES INC COMMON STOCK	927330100	PURCHASE	5.000	\$7.47	\$37.35	
08/31/21	VINCO VENTURES INC COMMON STOCK	927330100	SELL	30.000	\$6.30	\$188.99	
02/05/21	***ZOMEDICA CORP COM	98980M109	PURCHASE	3.000	\$1.86	\$5.60	
02/05/21	***ZOMEDICA CORP COM	98980M109	PURCHASE	25.000	\$1.86	\$46.63	
02/05/21	***ZOMEDICA CORP COM	98980M109	PURCHASE	50.000	\$1.88	\$93.95	

THIS STATEMENT IS NOT A SUBSTITUTE FOR FORM 1099 AND IS PROVIDED FOR INFORMATIONAL PURPOSES ONLY.

MORGAN STANLEY DOMESTIC HOLDINGS, INC.	Account No:	49327968
E*TRADE SECURITIES LLC	Account Name:	DREW HIRSH
PO BOX 484	Recipient's TIN:	***-**-2007
JERSEY CITY, NJ 07303-0484	Account Executive No:	ET1
	ORIGINAL:	12/31/2022

DETAILS OF 2022 INVESTMENT ACTIVITY CONTINUED

Date	Security Description	CUSIP	Transaction Description	Quantity	Price	Amount	Additional Information
01/12/22	KIDPIK CORP COMMON STOCK	49382L108	PURCHASE	5.000	\$6.75	\$33.75	
01/12/22	KIDPIK CORP COMMON STOCK	49382L108	PURCHASE	40.000	\$7.22	\$288.90	
01/13/22	KIDPIK CORP COMMON STOCK	49382L108	PURCHASE	50.000	\$6.43	\$321.45	
01/13/22	KIDPIK CORP COMMON STOCK	49382L108	PURCHASE	50.000	\$6.44	\$322.08	
01/13/22	KIDPIK CORP COMMON STOCK	49382L108	PURCHASE	50.000	\$6.53	\$326.39	
01/13/22	KIDPIK CORP COMMON STOCK	49382L108	PURCHASE	75.000	\$6.78	\$508.13	
01/13/22	KIDPIK CORP COMMON STOCK	49382L108	PURCHASE	100.000	\$6.73	\$672.73	
01/13/22	KIDPIK CORP COMMON STOCK	49382L108	PURCHASE	100.000	\$6.74	\$674.00	
01/13/22	KIDPIK CORP COMMON STOCK	49382L108	PURCHASE	100.000	\$6.72	\$671.60	
01/14/22	KIDPIK CORP COMMON STOCK	49382L108	PURCHASE	50.000	\$6.27	\$313.69	
01/21/22	KIDPIK CORP COMMON STOCK	49382L108	PURCHASE	1.000	\$7.52	\$7.52	
01/21/22	KIDPIK CORP COMMON STOCK	49382L108	PURCHASE	57.000	\$7.58	\$431.81	
02/17/22	KIDPIK CORP COMMON STOCK	49382L108	SELL	500.000	\$3.72	\$1,857.42	
02/22/22	KIDPIK CORP COMMON STOCK	49382L108	SELL	458.000	\$3.47	\$1,589.19	
01/05/22	LIXTE BIOTECHNOLOGY HOLDINGS INC COMMON	539319202	PURCHASE	3.000	\$2.30	\$6.90	
01/05/22	LIXTE BIOTECHNOLOGY HOLDINGS INC COMMON	539319202	PURCHASE	15.000	\$2.31	\$34.59	
01/05/22	LIXTE BIOTECHNOLOGY HOLDINGS INC COMMON	539319202	PURCHASE	24.000	\$2.50	\$59.97	
01/05/22	LIXTE BIOTECHNOLOGY HOLDINGS INC COMMON	539319202	PURCHASE	310.000	\$2.31	\$714.55	
01/05/22	LIXTE BIOTECHNOLOGY HOLDINGS INC COMMON	539319202	PURCHASE	1,700.000	\$2.68	\$4,553.45	
01/05/22	LIXTE BIOTECHNOLOGY HOLDINGS INC COMMON	539319202	SELL	2,052.000	\$2.22	\$4,556.17	
01/11/22	META MATLS INC COMMON STOCK	59134N104	SELL	250.000	\$2.35	\$587.84	
01/11/22	META MATLS INC COMMON STOCK	59134N104	SELL	500.000	\$2.35	\$1,174.97	
01/18/22	META MATLS INC COMMON STOCK	59134N104	PURCHASE	1.000	\$2.09	\$2.09	
01/21/22	META MATLS INC COMMON STOCK	59134N104	SELL	253.000	\$1.74	\$438.92	
02/08/22	META MATLS INC COMMON STOCK	59134N104	PURCHASE	2.000	\$1.65	\$3.29	
02/17/22	META MATLS INC COMMON STOCK	59134N104	PURCHASE	3.000	\$1.85	\$5.54	
02/22/22	META MATLS INC COMMON STOCK	59134N104	PURCHASE	6.000	\$1.76	\$10.54	
02/22/22	META MATLS INC COMMON STOCK	59134N104	PURCHASE	9.000	\$1.72	\$15.47	
02/22/22	META MATLS INC COMMON STOCK	59134N104	SELL	1,020.000	\$1.66	\$1,687.96	
03/01/22	META MATLS INC COMMON STOCK	59134N104	PURCHASE	111.000	\$2.06	\$228.65	
03/04/22	META MATLS INC COMMON STOCK	59134N104	SELL	111.000	\$1.53	\$169.48	
01/05/22	META MATLS INC PFD SER A	59134N203	SELL	500.000	\$1.52	\$754.97	
01/05/22	META MATLS INC PFD SER A	59134N203	SELL	3,000.000	\$1.54	\$4,614.63	
01/07/22	META MATLS INC PFD SER A	59134N203	PURCHASE	300.000	\$1.39	\$421.95	
01/07/22	META MATLS INC PFD SER A	59134N203	PURCHASE	1,000.000	\$1.37	\$1,374.95	
01/07/22	META MATLS INC PFD SER A	59134N203	PURCHASE	1,000.000	\$1.39	\$1,394.95	

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US Bankruptcy Court

District of Nevada

ATTN: Clerk of the Court

First Floor

300 Booth Street

Reno, NV 89509

RE: NOTICE OF REDACTION, Proof of Interest Form, Case No. 24-50792 To Clerk of the Court,

My name is Drew Hirsh, and I hereby submit this NOTICE OF REDACTION for PROOF OF INTEREST FORM in the matter of Meta Materials, Inc., case number 24-50792. Per instructions by The Honorable Hillary L. Barnes, United States Bankruptcy Judge, and out of an abundance of concern for the potential misuse of my personal information, I request all but the last four digits of my account numbers be redacted from my Proof of Interest form.

Per instructions, I have included with this filing an unredacted version of the POI, a redacted version of the POI, a detailed explanation of my \$MMAT trading records and their documentation, and a check for the \$28 processing fee.

Lastly, I've included a stamped self-addressed envelope in this letter. Can you please respond with receipt of this correspondence at your convenience.

Thank you for your consideration in this matter.

best, Drew



Drew Hirsh

259 N. Almont Drive Beverly Hills, CA 90211

drewhirsh@gmail.com

(917)-968-7478